

**From:** Apakian, Mary  
**To:** [Geiger, William](#)  
**Cc:** [Bond, Christopher D.](#)  
**Subject:** Metal Bank Sheet Pile Wall Repair Oversight Summary - May 17, 2016  
**Date:** Wednesday, May 18, 2016 12:39:20 PM  
**Attachments:** [045\\_051716\\_05.JPG](#)  
[045\\_051716\\_06.JPG](#)

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*Hi Will.*

*Below is a summary of OS activities conducted by CDM Smith's Chris Bond on Tuesday, May 17, 2016. Steve Glazier is out at the site today overseeing the continuation of the rip rap placement.*

*Please let me know if you have any questions.*

*Regards,*

*Mary Jo*

*Mary Jo Apakian | Project Manager | CDM Smith | 993 Old Eagle School Road, Suite 408 | Wayne, PA 19087 | Office: 610-263-2616 | Fax: 610-293-1920 | Mobile: 610-246-1832 | e-mail: [apakianmj@cdmsmith.com](mailto:apakianmj@cdmsmith.com)*

**Date:** May 17, 2016

**Weather:** Mostly cloudy, Periods of light rain, High of 65 degrees

**Arrival/Departure Time:** 700/1500

**Tidal Source:** 'Tides' iOS Mobile Application – Pompeston Creek, NJ

**High Tide:** 1144– 6.9 ft

**Low Tide:** 0624– 0.8 ft

**CDM Smith Field Oversight:** Christopher Bond

**Other Personnel On Site:**

- June Yeung – Ramboll Environ
- John Castellani – CEI
- Thackray Crane Rental

- **Rip Rap Placement:** CEI continued placing rip rap starting in the western part of Zone 2. They added volume and height to the area they had previously worked, but did not add any greater range today. They are still working from halfway between Targets D and E to one-third of the way between Targets E and F to prepare for waler repair.
- **Turbidity Monitoring:** In accordance with Submittal #11, Creamer performed turbidity monitoring only twice today as they were continuing placement in Zone 2. The readings are listed in the table below:

Time (hours):	0926	1400
Up Tide (NTU) :	131.6	135.14
Down Tide (NTU):	129.6	135.4
Intermediate Up Tide (NTU):	132.5	136.1
Intermediate Down Tide (NTU):	124.61	128.25

- **Sheet Pile Wall Monitoring:** Weber was not on site today to monitor the sheet pile wall location nor the rip rap elevation. They are scheduled to come back out on Thursday May 19.
- **Deviations from the Design Plans/ Specifications:** CEI continued addressing the rip rap that was not contained on the crushed stone pad today. The progress can be seen in

photos 045\_051716\_05 and 045\_051716\_06.

- **Work planned to be conducted tomorrow:** CEI will continue rip rap placement throughout Zone 2. Thackray will finish assembly of the crane, they estimate they will be done by noon.
- **Other Site Events:** CEI received the remaining 24 Reese Mats today. The mats are piled up by the east crushed stone pad and will be placed as room is made available through reduction in the size of the rip rap stockpile so that the front loader can better access the eastern area of the site. Also, Thackray Crane Rental had a crew on site that assembled the crane to be used for rip rap placement in the staging area all day.

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**From:** Apakian, Mary

**Sent:** Monday, May 16, 2016 7:13 PM

**To:** Geiger.william@Epa.gov

**Cc:** Bond, Christopher D.

**Subject:** Metal Bank Sheet Pile Wall Repair Oversight Summary - May 16, 2016

*Hi Will.*

*Below is a summary of OS activities conducted by CDM Smith's Chris Bond on Monday, May 16, 2016.*

*Chris Bond will be out at the site tomorrow to oversee the continuation of the rip rap placement.*

*Please let me know if you have any questions.*

*Regards,*

*Mary Jo*

*Mary Jo Apakian | Project Manager | CDM Smith | 993 Old Eagle School Road, Suite 408 | Wayne, PA 19087 | Office: 610-263-2616 | Fax: 610-293-1920 | Mobile: 610-246-1832 | e-mail: [apakianmj@cdmsmith.com](mailto:apakianmj@cdmsmith.com)*

**Date:** May 16, 2016

**Weather:** Clear, Windy, High of 65 degrees

**Arrival/Departure Time:** 700/1500

**Tidal Source:** 'Tides' iOS Mobile Application – Pompeston Creek, NJ

**High Tide:** 10:52 – 6.9 ft

**Low Tide:** 17:58 – 0.5 ft

**CDM Smith Field Oversight:** Christopher Bond

**Other Personnel On Site:**

- June Yeung – Ramboll Environ
- John Castellani – CEI
- Eric Babcock - Weber

- **Rip Rap Placement:** CEI continued placing rip rap starting in the western part of Zone 2. They added volume and height to the area they had previously worked, but did not add any greater range today. They are still working from halfway between Targets D and E to one-third of the way between Targets E and F to prepare for waler repair.

- **Turbidity Monitoring:** In the morning, CEI performed an inspection of the turbidity curtain that was covers the perimeter of Phase 1. They repaired the curtain in all the areas they found to be lacking. In accordance with Submittal #11, Creamer performed turbidity monitoring only twice today as they were continuing placement in Zone 2. The readings are listed in the table below:

Time (hours):	0849	1357
Up Tide (NTU) :	186.17	173.2

Down Tide (NTU):	181.6	178.6
Intermediate Up Tide (NTU):	174.62	169.72
Intermediate Down Tide (NTU):	171.46	162.75

- **Sheet Pile Wall Monitoring:** Weber was on site today to monitor the sheet pile wall location as well as the rip rap elevation. The report will be sent by Ramboll Environ as soon as they receive it. Weber is scheduled to come out on Thursday May 19 as well this week.
- **Deviations from the Design Plans/ Specifications:** CEI was having issues this morning keeping the rip rap in the east stockpile contained on the Reese Mats and crushed stone pad. They contained it better after being instructed by June Yeung, and the crowding on the pad should be alleviated tomorrow when the continue placing without taking additional deliveries of rip rap. The issue can be seen in photos 045\_051616\_01 and 045\_051616\_02.
- **Work planned to be conducted tomorrow:** CEI will continue rip rap placement throughout Zone 2. CEI will also be receiving an additional 24 Reese Mats (Timber Road) to prepare for the crane. CEI will also be receiving and assembling their crane.
- **Other Site Events:** CEI was scheduled to receive 64 Reese Mats today to prep for the delivery and assembly of the crane tomorrow (5/17/16). They received and placed 48 of the mats today, the timber road is now 2 Reese Mats wide all the way back to the east crushed stone pad (photo 045\_051616\_06). The remaining 16 Reese Mats as well as 8 extras will be delivered tomorrow (5/17/16) morning.